

Trumbull High School Building Committee
Minutes
October 27, 2010

Call to Order: The Chairman, Mr. Nugent called the meeting to order at 7:08 p.m.

Present: Ms. Bivona, Mr. Chmielewski, Mr. Doyle (arrived at 7:16 p.m.), Mr. Jenkins, Mr. Lemay, Mr. Meisner, Mr. McCabe, Mr. Nugent, Mr. Preusch and Ms. Timpanelli.

Absent: Ms. Flynn and Mr. Ronnow.

Also Present: Mr. A. Barbarotta of AFB, Mr. J. Barbarotta of AFB, Stephen Burgess of JCJ, Brian Holmes of O&G, Randy Swinford of O&G, Tom Walsh of AP Construction, Julie Norris of JCJ and Elliot Isban of American Solar & Alternative Power.

Approval of Minutes:

Moved by Mr. Lemay, seconded by Mr. Jenkins to accept the October 13, 2010 meeting minutes as submitted

VOTE: Motion carried 8-0-1 (Abstentions: Timpanelli).

Owner's Representative Update:

Mr. A. Barbarotta reported that the FF&E Phase 3 of 4 will be presented at this meeting. Furniture which is needed immediately has been identified as well as what can wait until the end of the project.

Computers & Printers, Technology Core & Infrastructure and the Audio Visual:

BoE IT Director, Mr. Hackett has reviewed the technology package in detail and has been involved in the process all along. There are three (3) divisions of the Technology package: Computers & Printers, Technology Core & Infrastructure and the Audio Visual. The budget is \$760,000; the proposal is at \$750,500. The numbers are quite tight. The common network core will be installed in December 2010; the rest of the school will be installed in 2011.

The computers will be bid; this will allow the project to see if they could get better prices than the state contract prices. The audio visual component of the package is standard and will be broken into phases.

The whiteboards are a teaching tool and are e-mail interactive, the projectors and wiring are included in the audio visual component. The only the software reimbursable is what is included with the computer package. Office suite is included with the computers. No teaching software is included. The current core is the 5500 Corp. Series and will be fully video ready.

Mr. Doyle arrived at 7:16 p.m.

In response to the Chair it was confirmed that Mr. Hackett the BoE IT Director has seen the Technology Equipment & Systems list as presented at this meeting and had modified the original proposal and has approved it as presented at this meeting. The computer printers will go into the procurement package, with hope to leverage the market the best that can.

Mr. A. Barbarotta is scheduled to go to the State next week to present the package; once approval by the State is received they will then go out to bid. The Technology package is not overly aggressive, there has not been very much refreshment done with the existing equipment over the course of the renovation project. This package will be a significant increase; they will be replacing existing equipment. Mr. Barbarotta noted that nothing is ever thrown away; the equipment will be utilized elsewhere in the school district. The list as presented at this meeting represents the must have list; the clickers will be used in a mentoring way. It was confirmed that the list is final; there will not be another list representing any "would like to haves" coming in the months ahead. There will not be any additional items added to this list.

Mr. Chiemelewski moved, seconded by Ms. Bivona to accept the Technology Equipment Systems proposal dated 10-27-10 in the amount of not to exceed \$755,550.00.

VOTE: Motion carried unanimously.

Mr. Meisner moved, seconded by Mr. Jenkins to approve PCO #29 in the amount of \$.00 (zero dollars) representing the direction to install Densglass sheeting to the metal stud framing behind the metal panels, the metal studs were shown on the drawings but the Densglass was not, the metal stud framing would not support nor keep the water/moisture from infiltrating the building. An air vapor barrier was applied to the face of the Densglass as well. The PCO results in a no cost to owner and will be deducted from the Greenwoods contract.

VOTE: motion carried unanimously.

Mr. Jenkins moved, seconded by Ms. Bivona to approve PCO#40 in the amount of \$4,581 representing per the request of the town Fire Marshal, relocation of door A110B to separate new corridor 110 (behind the new auditorium) from existing corridor (east of new auditorium). Mr. Swinford explained that this item would have been in Phase 2 and is comfortable with cost.

VOTE: Motion carried unanimously.

Architect's Update:

Ms. Julie Norris of JCJ presented the FF&E Coast estimate to the Building committee in detail. The furniture is required for the Christmas 2010 school break. In order to receive

the FF&E in time it will be necessary to use the state contract items, there is a 6-8 week delivery lead time, 2 weeks turnaround time for state approval and if it were to be a bid it would need to be out to bid for an additional two weeks. RIS Furniture of Milford, CT has given the town a 51% discount on the items, the owner is a Trumbull resident. Ms. Norris, Ms. Bivona and Ms. Timpanelli met at RIS reviewed samples and furniture choices. All spoke favorably of the quality of the items and the service.

Ms. Norris reviewed the design board in detail with the Building Committee. The budget for the FF&E is at \$138,880. Some of the items will have to go out to bid on, but those will not be the time-sensitive items.

In response to a question from the Chair, Ms. Norris explained that some of the chairs are being replaced but not throughout the school, the proposal includes better quality chairs resulting in the chairs lasting longer. The budget does not cover replacing all the furniture throughout the school. Mr. Barbarotta explained that the high school furniture is usually not reused in other schools due its size; it would be too big for the elementary school students. Ms. Norris noted that JCJ will not be reassigning the replaced furniture although the administration does have plans on them being reused in other areas. Ms. Norris explained that much of the existing furniture is very old and peeling; many items are literally falling apart.

Mr. A. Barbarotta stated that per their discussion at the Wednesday morning weekly meetings, it had been decided to plan the furniture in phases in order not to move the furniture 2 or 3 times throughout the project. The furniture phasing plan is expected to be adjusted throughout the project. Future phases will allow for occupancy timelines so that those phases would go out to bid. Ms. Norris noted that RIS is giving the town a great discount at 51% on this package. Most school vendors are on the state contract. Ms. Norris cautioned that working with a vendor without the proper experience necessary could cause delivery schedule issues and at that point the whole FF&E package could fall apart. Mr. A. Barbarotta stated that this package a time sensitive issue, they will be installing the furniture in the administration area during Christmas break. Mr. Lemay noted that it is important for packages to go out to bid giving the project the potential for lowering its cost. Mr. Meisner noted that the quality of the products would be possible to uphold if bid, due to the fact that all make and model numbers would be specified in the bid package. The Chair agreed. All present agreed the next phase would be bid. Mr. Doyle spoke to the importance of the end product and of how the project should have a particular look; cohesive with the overall project's look. Mr. A. Barbarotta confirmed for Mr. Doyle that the BoE administration would work together to ensure that the tired old furniture would be removed from the school.

Mr. Lemay moved, seconded by Mr. Meisner to accept the FF&E proposal dated 10-27-10 as presented by JCJ Architecture not to exceed \$138,880.

VOTE: Motion carried unanimously.

Ms. Norris reviewed the acoustical shell options with the Building Committee. The recommended acoustical shell is the Wenger Forte shell. There are three (3) shells the

Forte, the Legacy Select and the Legacy Classic. Ms. Norris noted that the ceiling clouds were never planned. The proposed acoustical shell is estimated at \$118,256, the rigging would be additional. Mr. Barbarotta noted that there is \$50,000 included in the budget for the acoustical shell. Mr. Barbarotta explained that the auditorium was designed as a high school auditorium not as a theatre. The additional cost to the acoustical shell would be \$50,000 for rigging; \$20,000 for miscellaneous MEP and \$5,000 for design; bringing the total cost estimate to \$193,256 for this upgrade. A discussion ensued over the differences between what had been specified in the design vs. what is being requested by the department. The Building Committee tabled the discussion until a later date noting that the decision was not time sensitive, more information was necessary and that the Mr. Horton should be present to discuss the request with Building Committee.

Solar Energy Presentation:

Elliot Isban of American Solar & Alternative Power was present at this meeting. This company offers the services as listed: feasibility, engineering, procurement, construction and finance. Mr. Peter Bonovita of International Roofing Manufacturer was present. Mr. Bonovita explained an innovative solar electric system that integrates single-ply membrane roofing materials and photovoltaic modules into integrated PV system and is installed into traditional roofing systems without penetrations. The methods are job specific to building height, roof composition and wind zone. The systems have a very low profile. The other systems are reliable but require a 41% tilt, wind loads high in this area and there are many penetrations. The best time to install this system is when the roof is being replaced; the roof membrane should last as long as the solar system, the roof membrane is reflective pulling 15% of energy from the reflected light. The cost of the product is slightly more but is less labor intensive. There are 12 schools in CT that have installed this system, (Greenwich, New Britain and Plainville). If the roof membrane is used the project would earn an additional one (1) point for LEED. There is a new grant that is available from the CT Clean Energy Fund, if the project wants to it would need to move quickly to apply for the grant. The Building committee discussed the amount of equipment on the roof, it was explained that paths would be designed to service the equipment and it would not hinder the system. The committee questioned the shadows from the equipment and their effect on the system. Mr. Isban stated that typically engineers and architects hire their firm to do the analysis. Mr. Isban explained that system reduces consumption of the peak demand in the summer, there is a tremendous educational value as well, the system is internet accessible, and that is the highest motivation with the schools that they have worked with previously. Mr. Swinford confirmed that the roofer has already been contracted. Mr. Holmes cautioned that there is a lot of shade and shadow on the roof by the equipment. Mr. Isban stated that if a CAD roof plan were sent to him by the professionals that would be beneficial in determining the benefits of the system. Mr. Isban noted that there was another option where a third party agreement which comes in and buys and sells the

energy to the host. The Building Committee agreed further research was necessary on this item and would discuss it at a later date.

Approval of Invoices:

Ms. Bivona moved, seconded by Mr. Chiemelewski to approve Telserv Invoice # 12156 dated 09/08/10 & 12358 dated 10/08/10 in the amount of \$1,020.

VOTE: Motion carried unanimously.

Mr. Doyle moved, seconded by Ms. Timpanelli to approve the William B. Meyer Invoice # COM-426-0/1 in the amount of \$1,240 representing material delivery (boxes & totes being moved around).

VOTE: Motion carried unanimously.

Mr. Doyle, moved, seconded by Mr. Meisner to approve the AMC Invoice #981 dated current -10/15/2010 in the amount of \$1,520.

VOTE: Motion carried unanimously.

Mr. Doyle moved, seconded by Ms. Bivona to approve the Atlantic Leasing Corp Invoice #17759 in the amount of \$280 representing rental storage trailer #4551 for month beginning 09-01-10 through 12-31-10 (4 month's rental at \$70.00 per month).

VOTE: Motion carried unanimously.

Mr. Doyle moved, seconded by Mr. Chiemelewski to approve the Sonitrol Invoice #11969 in the amount of \$35,788.62 representing telephone installation job #11698.

VOTE: Motion carried unanimously.

The next schedule Trumbull High School Building Committee meeting is on **Wednesday**, November 10, 2010 at 7:00 p.m. to be held at the new Auditorium at the High School.

There being no further business to discuss the Trumbull High School Building Committee adjourned by unanimous consent at 9:20 p.m.

Respectfully Submitted,

Margaret D. Mastroni, Clerk
